Garbo Cheng Ye

Phone 415-919-8509   garbocheng93@gmail.com   Portfolio   LinkedIn   AngelList   GitHub

Skills

Ruby, Ruby on Rails, JavaScript, Java, C++, Python, jQuery, React, Redux, SQL, Git, HTML5, CSS3, PHP

Education

University of Virginia   (Spring 2015)
BS - Computer Science, Minor - Engineering Business, GPA 3.5/4.0

App Academy   (Fall 2018)
1000-hour immersive full-stack software development course with <3% acceptance rate

Projects

Sports With Strangers **(JavaScript, React/ Redux, Ruby on Rails)**   live site | GitHub
A website clone of TeaWithStrangers that allows users to join and host events.
- Utilized Google Maps API to display the location of events using a given event address.
- Built website to seamlessly render changes by using React components.
- Made AJAX request to Ruby on Rails backend with jQuery.
- Designed the web services of the application to be RESTful.
- Connected Ruby on Rails Active Storage with AWS S3 to store users' profile pictures in a remote and secure bucket.

Defend Your Home **(JavaScript, HTML5)**   live site | GitHub
A 2D game inspired by games from the castle defense genre.
- Formulated collision logic and used physics equations to simulate gravity and wind effects.
- Rendered animated images using requestAnimationFrame and sprite sheets.
- Used HTML5 Canvas methods to rotate the cannon for different shooting angles.

Roamy **(MongoDB, Express.js, React.js, Node.js)**   live site | GitHub
An interactive map application that allows users to see a defined area they can travel within the given time frame.
- Implemented functionality to track and display favorite places on Google Maps.
- Utilized geolocation allowing for users to view and use their current location to discover travel radius.
- Used Google Maps Places API to filter results and show relevant places that match given address or name.

Experience

Back End Web Development Intern
Wrevel, Inc.   Jun 2014 - Aug 2014
- Developed RESTful Web API using the PHP Framework, CodeIgniter.
- Engineered features that allow users to search, create, join, and update events.
- Designed schemas for MySQL database.

Assistant Store Manager
Hong Kong Trading, S.R.L   Jul 2015 - Dec 2017
- Reduced cost by more than 20% yearly by keeping track of inventory and restructuring store items organization to decrease loss from theft.
- Coordinated with members of the company to ensure that products are delivered on time.
- Supervised 5+ staff members to ensure the quality of service and customer satisfaction.